



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): Jiang, et al.	
Serial No.: 10/651,462	Examiner: unknown
Filing Date: August 29, 2003	Group Art Unit: unknown
Title: NON-DESTRUCTIVE METHOD OF PREDICTING PERFORMANCE OF CERAMIC COMPONENTS	
Attorney Docket No.: A354-USA	

COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, VA 22313-1450

TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR 1.97(b)

Sir:

The undersigned hereby certifies that:

The Information Disclosure Statement submitted herewith is being filed within three months of the filing of a national application other than a continued prosecution application under 37 CFR §1.53(d), within three months of the date of entry of the national stage as set forth in 37 CFR §1.491 in an international application; before the mailing of a first Office Action on the merits, or before the mailing of a first Office Action after the filing of a request for continued examination under 37 CFR §1.114.

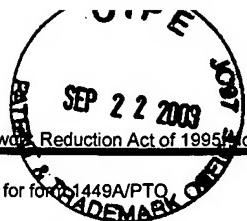
I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.	
Date of Deposit:	September <u>18</u> , 2003
Typed Name: Marie W. Lau	
Signature:	

Respectfully Submitted,

By:
Gary Schnittgrund
Attorney/Agent for Applicant(s)
Reg. No.: 42,130

Date: September 18, 2003

Telephone No.: 661-775-3995



PTO/SB/08a (06-03)

Approved for use through 07/31/2003. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTQ

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Shee

1

of

2

Complete if Known

Application Number	10/651,462
Filing Date	August 29, 2003
First Named Inventor	Jiang
Art Unit	
Examiner Name	
Attorney Docket Number	A354-USA

FOREIGN PATENT DOCUMENTS

Examiner Signature _____ **Date Considered** _____

***EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

SEP 22 2003

PTO/SB/08B (06-03)

Approved for use through 06/30/2003. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

1

of

2

Complete if Known

Application Number	10/651,462
Filing Date	August 29, 2003
First Named Inventor	Jiang
Group Art Unit	
Examiner Name	

Attorney Docket Number A354-USA

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS		
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
		JIANG, Accelerated Life Testing of Y-TZP Ceramic, Proceedings of the 6th Annual Grodins Graduate Research Symposium, Biomedical Engineering Department, USC, Los Angeles, California, March 23, 2002, pages 70-71
		JIANG, In-Vitro and In-Vivo Aging Tests of BION Micro-Stimulator, Proceedings of the 7th Annual Grodins Graduate Research Symposium, Biomedical Engineering Department, USC, Los Angeles, California, March 29, 2003, Pages 3-4
		JIANG, In-Vitro and In-Vivo Test of 3Y-TZP Ceramics, Oral Presentation at the 54th Pacific Coast Regional Basic Science Division Meeting of the American Ceramic Society, Seattle, Washington, October 1-4, 2002, Pages 1-5
		THOMPSON, I. and RAWLINGS, R.D.; "Mechanical Behaviors of Zirconia and Zirconia-Toughened Aluminia in a Simulated Body Environment"; Biomaterials; 1990; 505-508; Volume 11, Issue 7
		DRUMMOND, J.; "In Vitro Aging of Yttria-Stabilized Zirconia"; J. Am. Ceram. Soc.; 1989; 675-676; 72 [4]
		DRUMMOND, J.; "Effects of In Vitro Aging of Magnesia-Stabilized Zirconia"; J. Am. Ceram. Cos.; 1992; 1278-1280; 75 [5]
		PICONI, C. and MACCAURO, G.; "Zirconia as a Ceramic Biomaterial"; Biomaterials; 1999; 1-25; 20

Examiner Signature	Date Considered
--------------------	-----------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.